IN THE CLAIMS

1. (currently amended) A digital broadcast receiver for receiving and decoding a digital broadcast containing video data and audio data which are transmitted in the form of a transport stream, said receiver comprising:

interface means for supporting communication with ~~through which a transport stream and a command are transmitted to, or received from,~~ a recording~~/reproducing~~ apparatus;

judging means for determining information corresponding to a transmission rate of a received transport stream of a received digital broadcast; and

recording rate setting command generating means for generating a recording rate setting command on the basis of the information corresponding to the transmission rate and for transmitting the recording rate setting command to the recording~~/reproducing~~ apparatus through said interface means when a connection between the recording apparatus and said interface means is initiated, when a request command is received from the recording apparatus, or periodically after predetermined intervals.

2. (cancelled)

3. (currently amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means ~~generates~~ further transmits the recording rate setting command just before the received transport stream is transmitted through said interface means to the recording~~/reproducing~~ apparatus.

4. (currently amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means ~~generates~~ further transmits the recording rate setting command before the recording~~/reproducing~~ apparatus starts recording the received transport stream.

5. (currently amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means ~~generates~~ further transmits the recording rate setting command when a reception channel is switched.

6. (currently amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means generates further transmits the recording rate setting command when a broadcast program is changed.

7. (cancelled)

8. (cancelled)

9. (currently amended) The digital broadcast receiver as claimed in claim 1, wherein when the transmission rate of the received transport stream is changed during a recording operation in the recording~~/reproducing~~ apparatus, said recording rate setting command generating means temporarily stops the recording operation and generates ~~the~~ and transmits an updated recording rate setting command ~~anew~~.

10. (currently amended) The digital broadcast receiver as claimed in claim 1, wherein the information corresponding to the transmission rate indicates that the digital broadcast includes a high definition television broadcast or that the digital broadcast includes a standard television broadcast.

11. (previously presented) The recording apparatus as claimed in claim 13, wherein when the recording rate corresponding to the received recording rate setting command cannot be set, said recording rate setting means causes an alarm to be displayed in the recording apparatus.

12. (previously presented) The digital broadcast receiver as claimed in claim 1, wherein said interface means includes an IEEE1394 interface.

13. (currently amended) A recording apparatus, comprising:

interface means for supporting communication with ~~transmitting a transport stream and a command to, and for~~

~~receiving a transport stream and a command from,~~ a digital broadcast receiver;

recording means for recording a transport stream received from the digital broadcast receiver through said interface means;

generating means for generating a request command for setting the recording rate and for transmitting the request command to the digital broadcast receiver through said interface means; and

recording rate setting means for setting a recording rate of said recording means in accordance with a recording rate setting command received from the digital broadcast receiver through said interface means in response to the request.

14. (cancelled)

15. (previously presented) The recording apparatus as claimed in claim 13, wherein said interface means includes an IEEE1394 interface.

16. (currently amended) A data recording method for use in a digital broadcast receiver, comprising:

receiving and decoding a digital broadcast in which video data and audio data are transmitted in the form of a transport stream to provide a received transport stream;

connecting a first interface of the digital broadcast receiver to a corresponding interface of a recording/~~reproducing~~ apparatus ~~through an interface for recording the received transport stream~~;

determining information corresponding to a transmission rate of the received transport stream; ~~and~~

generating a recording rate setting command ~~to the recording/reproducing apparatus~~ on the basis of the information corresponding to the transmission rate; and

transmitting the recording rate setting command to the recording apparatus through the first interface and the

corresponding interface when the connection between the first interface and the corresponding interface is initiated, when a request command is received from the recording apparatus, or periodically after predetermined intervals.

17. (cancelled)

18. (currently amended) The data recording method as claimed in claim 16, wherein said ~~generating~~ transmitting step ~~generates~~ includes transmitting the recording rate setting command just before the received transport stream is transmitted to the recording~~/reproducing~~ apparatus.

19. (currently amended) The data recording method as claimed in claim 16, wherein said ~~generating~~ transmitting step ~~generates~~ includes transmitting the recording rate setting command before the recording~~/reproducing~~ apparatus starts recording the received transport stream.

20. (currently amended) The data recording method as claimed in claim 16, wherein said ~~generating~~ transmitting step ~~generates~~ includes transmitting the recording rate setting command when a reception channel is switched.

21. (currently amended) The data recording method as claimed in claim 16, wherein said ~~generating~~ transmitting step ~~generates~~ includes transmitting the recording rate setting command when a broadcast program is changed.

22. (cancelled)

23. (cancelled)

24. (currently amended) The data recording method as claimed in claim 16, further comprising:

temporarily stopping a recording operation when the transmission rate of the received transport stream changes,

wherein ~~the generating~~ said transmitting step ~~generates the~~ includes transmitting an updated rate setting command ~~anew~~ after the recording operation has been temporarily stopped.

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25. (currently amended) The data recording method as claimed in claim 16, wherein the information corresponding to the transmission rate indicates that the digital broadcast includes a high-definition television broadcast or that the digital broadcast includes a standard television broadcast.

26. (currently amended) The data recording method as claimed in claim 16, further comprising:

receiving a response from the recording/reproducing apparatus when a recording rate corresponding to a generated recording rate setting command cannot be set in the recording/reproducing apparatus.

27. (currently amended) The data recording method as claimed in claim 16, wherein the first interface and the corresponding interface each includes an IEEE1394 interface.

28. (currently amended) A digital broadcast receiver, comprising:

a receiver for receiving operable to receive a digital broadcast signal and for providing to provide a transport stream representing video data and audio data;

an interface operable to support communication with a recording apparatus; and

a processor for generating operable to generate a command that sets a recording rate as a function of a transmission rate of the transport stream, and an interface for to transmitting the command to the recording apparatus through said interface when a connection between the recording apparatus and said interface is initiated, when a request command is received from the recording apparatus, or periodically after predetermined intervals, and to transmit the transport stream to a the recording apparatus through said interface, whereby the recording apparatus records the transport stream in accordance with the set recording rate.

29. (cancelled)

30. (currently amended) The digital broadcast receiver as claimed in claim 28, wherein said processor ~~generates~~ is further operable to transmit the command just before the transport stream is transmitted to the recording apparatus.

31. (currently amended) The digital broadcast receiver as claimed in claim 28, wherein said processor ~~generates~~ is further operable to transmit the command before the recording apparatus starts recording the transport stream.

32. (currently amended) The digital broadcast receiver as claimed in claim 28, wherein said processor ~~generates~~ is further operable to transmit the command when a reception channel is switched.

33. (currently amended) The digital broadcast receiver as claimed in claim 28, wherein said processor ~~generates~~ is further operable to transmit the command when a broadcast program is changed.

34. (cancelled)

35. (cancelled)

36. (currently amended) The digital broadcast receiver as claimed in claim 28, wherein when the transmission rate of the transport stream is changed during a recording operation in the recording apparatus, said processor is further operable to temporarily stop~~s~~ the recording operation and to generate~~s~~ and transmit ~~the~~ an updated command ~~anew~~.

37. (currently amended) The digital broadcast receiver as claimed in claim 28, wherein said processor is operable to determine~~s~~ the transmission rate as a function of whether the transport stream is from a high definition television broadcast or from a standard television broadcast.

38. (previously presented) The digital broadcast receiver as claimed in claim 28, wherein said interface is an IEEE1394 interface.

39. (currently amended) A recording apparatus, comprising:

an interface ~~for coupling~~ operable to support communication with a digital broadcast receiver ~~for receiving a transport stream and commands therefrom and for transmitting requests thereto~~;

a recorder ~~for~~ operable to record~~ing~~ ~~the received~~ a transport stream received from the digital broadcast receiver through said interface; and

a processor ~~for~~ operable to transmit a request for a command to the digital broadcast receiver through said interface and to set~~ting~~ a recording rate of said recorder in accordance with a recording rate setting command received from the digital broadcast receiver through said interface in response to the request.

40. (currently amended) The recording apparatus as claimed in claim 39, wherein said processor is further operable to cause an alarm to be displayed in said recording apparatus when the recording rate corresponding to the received recording rate setting command cannot be set~~, said processor causes an alarm to be displayed in said recording apparatus~~.

41. (cancelled)

42. (previously presented) The recording apparatus as claimed in claim 39, wherein said interface is an IEEE1394 interface.